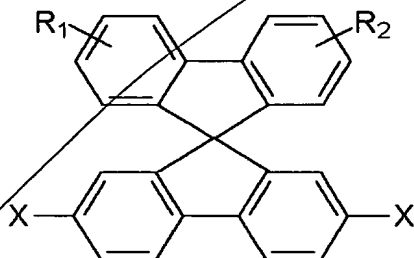


What is claimed is:

1. A compound defined by the following formula:

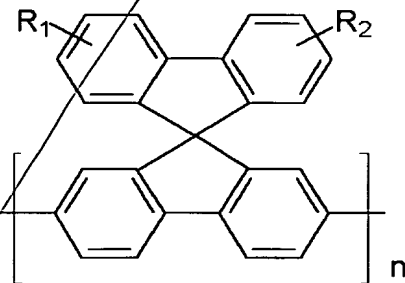


wherein R_1 and R_2 are identical or different and are independently a straight-chain or branched alkyl group having from 1 to 22 carbon atoms or an aryl group substituted by C_1 - C_{22} alkyl, and at least one of the R_1 and R_2 contains one or more atoms selected from the group consisting of O, N, S, Si and Ge, and X is halogen, boric acid or boric ester.

2. The compound of claim 1, wherein at least one of the R_1 and R_2 is a polar group containing an ether bond.

3. The compound of claim 2, wherein at least one of the R_1 and R_2 contains 2 to 5 oxygen atoms forming an ether bond on every two carbons.

4. An electroluminescence (EL) polymer comprising repeating units of the following formula:



wherein R_1 and R_2 are identical or different and are independently a straight-chain or branched alkyl group having from 1 to 22 carbon atoms or an aryl group substituted

sub
AI
by C₁-C₂₂ alkyl, and at least one of the R₁ and R₂ contains one or more atoms selected from the group consisting of O, N, S, Si and Ge.

5 5. The EL polymer of claim 4, wherein at least one of the R₁ and R₂ is a polar group containing an ether bond.

6. The EL polymer of claim 5, wherein at least one of the R₁ and R₂ contains 2 to 5 oxygen atoms forming an ether bond on every two carbons.

10 7. The EL polymer of claim 4, wherein the R₁ and R₂ are at positions 3' and 6', respectively.

sub
AI
15 8. The EL polymer of claim 4, wherein the R₁ and R₂ are at positions 1' and 6', respectively.

9. The EL polymer of claim 4, wherein at least one of the R₁ and R₂ is 3,6-dioxaheptyloxy or 3,6,9-trioxadecyloxy.

20 10. An electroluminescence element comprising:
a cathode;
an anode; and
a light-emitting layer interposed between the cathode and the anode and containing the EL polymer as claimed in one of claims 4 through 9.